DOCUMENT RESUME

ED 402 923 IR 018 219

AUTHOR	Sandholtz, Judith Haymore; And Others
TITLE	Teaching with Technology: Creating Student-Centered Classrooms.
REPORT NO	ISBN-0-8077-3586-8
PUB DATE	97
NOTE	211p.
AVAILABLE FROM	Teachers College Press, Teachers College, Columbia University, 1234 Amsterdam Ave., New York, NY 10027 ($18.95).
PUB TYPE	Books (010) -- Guides - Non-Classroom Use (055)
EDRS PRICE	Document Not Available from EDRS.
DESCRIPTORS	Case Studies; *Computer Uses in Education; Curriculum Development; Educational Change; Educational Cooperation; *Educational Innovation; *Educational Research; *Educational Technology; Elementary Secondary Education; Futures (of Society); Integrated Activities; Partnerships in Education; Personal Narratives; Public Schools; Staff Development; Student Role; Teacher Collaboration; Teacher Education; *Teacher Role; User Needs (Information)
IDENTIFIERS	*Apple Classrooms of Tomorrow; Apple Computer Inc

ABSTRACT

Teachers are responsible for juggling knowledge of where students are and where they need to go; having insights into students' special needs and progress; choices of curricular activities and materials; rules that govern children's participation; expectations from parents and communities; and the norms and rules that govern them as teachers. The addition of technology further complicates the equation and presents many new questions. This book provides information based on 10 years of data gathered from the Apple Classrooms of Tomorrow (ACOT) project. Started in 1985, ACOT is a research collaboration between universities, public schools, and Apple Computer, Inc. to investigate the results of teachers and children routinely using technology for learning. The book includes case studies and teachers' personal perspectives from experiences in ACOT classrooms. The chapters are: (1) "From Instruction to Construction"; (2) "The Challenge of Instructional Change: Two Teachers' Stories"; (3) "The Evolution of Instruction in Technology-Rich Classrooms"; (4) "Managing a Technology-Rich Classroom"; (5) "Redefining Student and Teacher Roles"; (6) "Maintaining Student Engagement"; (7) "Enhancing Innovation and Promoting Collegial Sharing: A Reciprocal Relationship"; (8) "Integrating Technology into the Curriculum: An Exemplary Unit of Practice"; (9) "Creating an Alternative Context for Teacher Learning"; (10) "Back to the Real World: Opportunities and Obstacles in Staff Development"; and (11) "Technology: One Tool Among Many." A methodological appendix and index are also included. (Contains 127 references.) (Author/SWC)